



55939 Carey Foster's Bridge Setup is used for the measurement of very low resistances, although it can be used to find small differences between large resistances. It can measure the decimal value of resistance. Our Carey Foster's Bridge Setup consists of two parts, bridge arrangement and testing unit. Testing unit contains DC Power Supply, Galvanometer and adjustable resistances on a single board. DC Power Supply solves the problem of discharging of battery or a cell with respect to time which affects the result. Sensitivity of Carey Foster's Bridge is the same as the sensitivity of the Wheatstone Bridge as it uses the same fundamental principle.

Features

1. Precise Bridge arrangement
2. Galvanometer, resistances and DC Power Supply are provided on a single board
3. Low temperature coefficient Constantan wire
4. DC Power Supply in place of a cell or battery

Object

1. Measurement of low resistance using the Carey Foster's Bridge without calibrating the Bridge wire
2. Determination of the specific resistance of the Constantan wire using the Carey Foster's Bridge
3. Measurement of low resistance using the Carey Foster's Bridge after calibrating the Bridge wire

Technical Specifications

DC Power Supply	:	3V
Variable resistance	:	0-1000
Galvanometer		
Deflection	:	30-0-30
Resistance	:	800
Wire		
Type	:	Constantan
Length	:	1m
SWG	:	28
Diameter	:	0.37mm
Resistance	:	100 (2 nos.)
Bridge scale	:	0-100cm
Jockey	:	Copper
Mains Supply	:	90-275V, 50Hz
Fuse	:	0.5A

Note: Specifications are subject to change.